

# Manual Pumps

## Series 7106

Code:	7106 EN
Delivery:	4 weeks
Warranty:	24 months



Hand pump  
7106-V0034



Hand pump  
7106-V0690

7106 EN

### Application

Manual pumps are used to generate pressure and vacuum, thus allowing mechanical and electronic pressure measuring instruments to be checked through comparative measurements, adjusted and calibrated.




Application fields where these pressure measurements are particularly valuable include:

- ▶ Power stations
- ▶ Chemical industry
- ▶ Refineries
- ▶ Machine building
- ▶ Servicing shops etc.

Depending on the calibration range, a manual pump, a spindle pump or a lever pump are used to generate the pressure. The pressurized medium may consist of air, water or oil.

The range of pressures extends from vacuum up to 690 bar. Each pump has a pressure drop rate typical for its type. This may be up to 3 % of its maximum pressure value within five minutes and depends, among other things, on the medium, the temperature and on the volume of the cylinder.

**Technical Data**

Model	7106-V0690	7106-V0034		7106-V0007
Figure				
Functional Principle	hand pump	hand pump		pneumatic pump
Producible Pressure	0 bar ... 690 bar	-0,85 bar ... 34 bar		-0,85 bar ... 7 bar
Pressure Medium	mostly all pressure fluids, oil and water	air		air
Pressure Connection	2 x 1/4" NPT female	1/4" NPT female 1/8" NPT female	0.6 m hose with 1/4" BSP and NPT connection female	1/8" NPT female
Medium Contacting Parts	-	-	anodized aluminium, nickel plated brass, stainless steel, Nylon	-
Reservoir	standard	-		-
Volumenfeineinstellung	standard	standard		standard
Ablassventil	standard	standard		standard

**Adapter set for hand pumps**
**Model 7106-Z1191**

1 x 1/4" BSP to 1/8" BSP F  
 1 x 1/4" BSP to 3/8" BSP F  
 1 x 1/4" BSP to 1/2" BSP F  
 1 set O-rings  
 Teflon tape

**Model 7106-Z1192**

1 x 1/4" BSP to 1/8" NPT F  
 1 x 1/2" BSP to 1/2" NPT F  
 1 x 1/4" BSP to 3/8" NPT F  
 1 x 1/4" BSP to 1/2" NPT F  
 1 set O-rings  
 Teflon tape